

Docket No. AUS990809US1

**CLAIMS:**

What is claimed is:

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A1
- 5 1. A method in a data processing system for providing access to resources within the data processing system, the method comprising the data processing system implemented steps of:
- receiving a request from a requestor to access a resource in the data processing system;
- 10 sending a first cookie to the requestor in response to the request, wherein the cookie is used to access the resource;
- storing an identification of the requestor and the cookie to form a stored identification and a stored
- 15 cookie;
- responsive to receiving a second cookie from a source, comparing an identification of the source and the second cookie with the stored identification and the stored cookie; and
- 20 responsive to a match between the identification of the source and the second cookie and the stored identification and the stored cookie, allowing access to the resource.
- 25 2. The method of claim 1, wherein access to the resource is allowed by accepting the second cookie.
3. The method of claim 1 further comprising:
- responsive to an absence of a match between the
- 30 identification of the source and the second cookie and the stored identification and the stored cookie,

05478309-010600

Docket No. AUS990809US1

rejecting the second cookie.

4. The method of claim 1, wherein the resource is a  
file and the first cookie identifies disk location of the  
5 file.

5. The method of claim 1, wherein the source is a web  
server.

10 6. The method of claim 1, wherein the step of storing  
an identification of the source and the first cookie to  
form a stored identification and a stored cookie  
comprises:

15 storing the identification of the source and the  
first cookie in a cache.

7. The method of claim 6, wherein the identification is  
an Internet protocol address.

20 8. The method of claim 1, wherein the steps of  
receiving, sending, storing, comparing, and allowing are  
performed in a browser.

9. The method of claim 1, wherein the resource is a  
25 file having a path and further comprising:  
generating a disk location number from the path; and  
placing the disk location number into the first  
cookie.

30 10. A method in a data processing system for processing  
a cookie, the method comprising the data processing

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Docket No. AUS990809US1

system implemented steps of:

receiving a request from a source to access a resource in the data processing system;

5 sending a cookie to the source to form a sent cookie, wherein the sent cookie is used to access the resource;

responsive to receiving a subsequent cookie, authenticating the subsequent cookie with the cookie; and

10 responsive to authenticating the subsequent cookie, allowing access to the resource.

11. The method of claim 10 further comprising:

storing the sent cookie and an identification of the source.

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12. The method of claim 10, wherein the sent cookie and the identification of the source are stored in a cache.

13. The method of claim 12, wherein the identification is a stored identification and wherein the authenticating step comprises:

20 comparing the stored identification with an identification of a source for the subsequent cookie; and comparing the sent cookie with the subsequent  
25 cookie.

14. The method of claim 10, wherein the source is a Web server.

30 15. The method of claim 10, wherein the resource is a file.

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Docket No. AUS990809US1

16. The method of claim 15, wherein the cookie includes a disk location of the file.

5 17. A data processing system comprising:

a cache;

a cookie management process, wherein the cookie management process generates a cookie in response to receiving a request to access a resource within the data processing system from a requestor; sends the cookie to the requestor, stores the cookie and an identification of the requestor in the cache; responsive to being presented a received cookie from a source, compares the cookie and the identification of the requestor to the received cookie and the source; and allows access to the resource in response to a match between the cookie and the identification of the requestor with the received cookie and the source.

20 18. The data processing system of claim 17, wherein the requestor is a server.

19. The data processing system of claim 17, wherein the resource is a file.

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20. The data processing system of claim 17, wherein the identification of the requestor and the identification of the source are Internet protocol addresses.

30 21. A data processing system for providing access to resources within the data processing system, the data

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Docket No. AUS990809US1

processing system comprising:

receiving means for receiving a request from a requestor to access a resource in the data processing system;

5 sending means for sending a first cookie to the requestor, wherein the first cookie is used to access the resource;

10 storing means for storing an identification of the requestor and the first cookie to form a stored identification and a stored cookie;

comparing means, responsive to receiving a second cookie from a source, for comparing an identification of the source and the second cookie with the stored identification and the stored cookie; and

15 allowing means, responsive to a match between the identification of the source and the second cookie and the stored identification and the stored cookie, for allowing access to the resource.

20 22. The data processing system of claim 21, wherein access to the resource is allowed by accepting the second cookie.

23. The data processing system of claim 21 further comprising:

25 rejecting means, responsive to an absence of a match between the identification of the source and the second cookie and the stored identification and the stored cookie, for rejecting the second cookie.

30 24. The data processing system of claim 21, wherein the

09478309-010600

Docket No. AUS990809US1

resource is a file and the first cookie identifies disk location of the file.

25. The data processing system of claim 21, wherein the  
5 source is a web server.

26. The data processing system of claim 21, wherein the  
storing means for storing an identification of the source  
and the first cookie to form a stored identification and  
10 a stored cookie comprises:

storing means for storing the identification of the  
source and the first cookie in a cache.

27. The data processing system of claim 26, wherein the  
15 identification is an Internet protocol address.

28. The data processing system of claim 21, wherein the  
receiving means, sending means, storing means, comparing  
means, and allowing means are performed in a browser.  
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29. The data processing system of claim 21, wherein the  
resource is a file having a path and further comprising:

generating means for generating a disk location  
number from the path; and  
25 placing means for placing the disk location number  
into the first cookie.

30. A data processing system for processing a cookie,  
the data processing system comprising:

30 receiving means for receiving a request from a  
source to access a resource in the data processing

09478309-010600

Docket No. AUS990809US1

system;

sending means for sending a cookie to the source to form a sent cookie, wherein the sent cookie is used to access the resource;

5 authenticating means, responsive to receiving a subsequent cookie, for authenticating the subsequent cookie with the cookie; and

allowing means, responsive to authenticating the subsequent cookie, for allowing access to the resource.

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31. The data processing system of claim 30 further comprising:

storing means for storing the sent cookie and an identification of the source.

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32. The data processing system of claim 30, wherein the sent cookie and the identification of the source are stored in a cache.

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33. The data processing system of claim 32, wherein the identification is a stored identification and wherein the authenticating means comprises:

first comparing means for comparing the stored identification with an identification of a source for the subsequent cookie; and

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second comparing means for comparing the sent cookie with the subsequent cookie.

34. The data processing system of claim 30, wherein the source is a Web server.

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009070-6083460

Docket No. AUS990809US1

35. The data processing system of claim 30, wherein the resource is a file.

36. The data processing system of claim 35, wherein the  
5 cookie includes a disk location of the file.

37. A computer program product in a computer readable medium for providing access to resources within the data processing system, the computer program product  
10 comprising:

first instructions for receiving a request from a requestor to access a resource in the data processing system;

second instructions for sending a first cookie to  
15 the requestor, wherein the first cookie is used to access the resource;

third instructions for storing an identification of the requestor and the first cookie to form a stored identification and a stored cookie;

20 fourth instructions, responsive to receiving a second cookie from a source, for comparing an identification of the source and the second cookie with the stored identification and the stored cookie; and

25 fifth instructions, responsive to a match between the identification of the source and the second cookie and the stored identification and the stored cookie, for allowing access to the resource.

38. A computer program product in a computer readable  
30 medium for processing a cookie, the computer program product comprising:

009478309-010600



Docket No. AUS990809US1

first instructions for receiving a request from a source to access a resource in the data processing system;

5 second instructions for sending a cookie to the source to form a sent cookie, wherein the sent cookie is used to access the resource;

third instructions, responsive to receiving a subsequent cookie, for authenticating the subsequent cookie with the cookie; and

10 fourth instructions, responsive to authenticating the subsequent cookie, for allowing access to the resource.

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